List of patents

Table 1. New patents families covering the New Iscom Technology

Catchword	Full title	Claim category	First Priority date /Lapsing date	Number	Status
1. Iscorecept	Iscom or Iscom matrix comprising hydrophobic receptor molecules for antigenic substances	Composition of matter Vaccine preparation	19960121 /20170220	AT E258066 AU718443 BE0944397 BR 9707638-4 CA2247103 CH0944397 DE69727314.8 DK0944397 E90944397 ES0944397 FR0944397 IE0944397 IT0944397 NL0944397 NL0944397 NZ331418 SE97905539.9 US6027732 WO9730726	Granted International
2. Juvenile	Immunogenic complex, Iscom, for use in preparing a vaccine for juvenile individuals	Uses	19960221 /20170220	AU719191 BE0881911 CA2247117 CH0881911 DE69721498.2 ES0881911 EP0881911 FR0881911 GB0881911 IT0881911 NL0881977 NZ331449 SE97905540.7 US10/613014 US09/125593 WO9730727	Granted Fanted Granted Fanted Granted Granted Granted Granted Hending Fending International
3. Mucosal	Iscom or Iscommatrix comprising a mucus targeting substance and an antigen	Uses	19960221 /20170220	AT E255905 AU719084 BE0889736 CA2247522 CH0889736 DE69726712.1 DK889736 E90889736 FR0889736 GB0889736 IE0889736 IE0889736 JP530070/97 NL0889736 JP530070/97 NL0889736 NZ331403 SE97905541.5 US6607732 WO9730728	Granted Fending Granted Granted Granted Granted Granted Granted Granted Granted Granted
4. Live combination	Composition comprising Iscom particles and live microorganisms	Uses, composition s and kits	20030324 /20240324	AU 2004224487 BR PI0408587-6 CA 2519806 EP004723123.8. NZ542328 US10/550026 WO2004084941 ZA2005/06988	Pending Pending Pending Pending Pending Pending Pending International Granted
5. Low toxicity	iscom preparation and use thereof	Composition of matter	20020705 /20230707	AU2003245220 BR Pl0312472-0 CA2491457 EP003738849.3 JP2004519469 NZ537661	Pending Pending Pending Pending Pending Pending Granted



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6. QWT	Quil A faction with low toxicity and use thereof	Uses	20030707 /20240707	AU2004254152 BRPI0412444-8 CA 2529363 EPO 04749076.8 JP2006-518582 NZ544299 US10/562866 WO2005002620 ZA 2006/00151	Pending Pending Pending Pending Pending Pending Pending International Granted
7. Mastit			20050120 /20260120	BRPI0606481-7 US/PCT/SE2006/000082 CA/PCT/SE2006/000082 CN200680002650.3 IN5215/DELNP/2007 EP006701328.4 60/593504 WO2006/078213 PCT/SE2006/000082	Pending Pending Pending Pending Pending Pending Pending US provisional International Pending

Table 2. Old Patents

Catchword	Full title	Priority date	Number	Status
Iscom I	Immunogenic protein or peptide complex, method or producing said complex and the use thereof as an immune stimulant and as a vaccine	19821018		All patents lapsed
Iscom II	Immunogenic complex, a method for producing the same, and the use thereof as an immune stimulant, vaccines and reagents	19841101	NL180564 CA1275042 ES548412 PL81384	Lapsed in most countries except: Granted Granted Granted Granted
Immunogenic complex	Process for preparing complex	19851016	CA1275246 US5254339	Lapsed in most countries except: Granted Granted
Iscom-matrix	Matrix with immunomodulating activity	19880930	AR251617 MX181863 CA1338888 ES8903266 PT91856 ZA89/7217 NZ230747 IE65428 AU632067 DK558/91 (EP0436620) JP2501650 RU2120302 US5679354 AT109662 BE436620 CH436620 DE68917474 EB436620	Granted
			FR436620 GB436620 IT436620 LU436620 NL436620 SE89911115.7	Granted Granted Granted Granted Granted Granted Granted Granted
703	Saponin preparation and use	19941012	AU686891	Granted

thereof in iscoms	CA2201611	Granted
	FR95933981	Granted
	DE69524624	Granted
	(EP785802)	Granted
	GB95933981	Granted
	NZ333608	Granted
	IT785802	Granted
	US6352697	Granted
<u> </u>	SE785802	Granted
	ZA9508600	Pending

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